

Fig.1

hNEDL1	MASPSRHSQRRRCKEPLRYSYHPDQFHNDLRGGPHDGVTPRSTSDTLVTSRSTLWSSSYYSIGHSDLVIHNDKEEVDAGDWHIGYLI DEVL	100
mNEDL1	MASPSRHSQRRRCKEPLRYSYHPDQFHNDLRGGPHDGVTPRSTSDTLVTSRSTLWSSSYYSIGHSDLVIHNDKEEVDAGDWHIGYLI GEVS	100
hNEDL1	SENFLDYKRGVNGSHRGQIHWKIDASSYFVEPETKICFKYHGVSGALRATTPSVTVKNSAAPIFKSGAETVVGOGSRRLISFSLSDFOAMGLKKGW	200
mNEDL1	SENFLDYKRGVNGSHRGQIHWKIDASSYFVESETKICFKYHGVSGALRATTPSVTVKNSAAPIFKSGAETVVGOGSRRLISFSLSDFOAMGLKKGW	200
hNEDL1	FFNPDYKISIQPKHETFPALPHHGGERRSKIGNTVNPIWBOEFSVSLPTDVEIEVNDKFAKSRPIKRELGQSNIPVIRLETHAIGDRVVS	300
mNEDL1	FFNPDYKISIQPKHETFPALPHHGGERRSKIGNTVNPIWBOEFSVSLPTDVEIEVNDKFAKSRPIKRELGQSNIPVIRLETHAIGDRVVS	300
C2 Domain		
hNEDL1	TLGRRLPTDHSVGLQFRFEITSSHPDDEEISLSTEPES-AQIQSPNNILMESGGEPRSEAPESSESNPEQLGEGSVPRPQNGSIELSRPAEEAA	399
mNEDL1	TLGRRLPTDHSVGLQFRFEITSSHADDEEISLSAEPESAETQDSIHNSMVGNSNGEPSGDAETFCDAKPEPSSEGNGVNSSENQEHAGPVEEAA	400
hNEDL1	VITEAGDQGHVSVGPEGAGELLAQVQKDIQAPSAEELAEQLDGEESALLLEDGEAPASTKEELEEATTSRAGREEEKEEEDGVSTLEQEG	499
mNEDL1	GAMEARDSNVSEAPEEPGELQDPEQHDTPILSAEEVAEGLPDEDSPSSLLPEENTALGSKVEETVPENGAREEEMQKQDEEEEDGVSTLEQEG	499
hNEDL1	RLQLRASVKRSPCLSPVSELETVIASACGDPETPRTHYIRIHTLLHSPSAQGGSAEEEDGAEESTLKDSSEKDGLESDTVAADPSALEEDREP	599
mNEDL1	-----PELETVIASACGDAETPRTHYIRIHTLLHSPSAQGGSTTEEEDGLEESTLKESSEKDGLESDTVIADPSMEDGESDG	580
hNEDL1	EGATPGTAHPGHSGHFPSLANGAAQDGDTHPSTGSESQSPRQGGHSCGCDASCCSPSCYSSSCYSTSCYSSSCYSSCASPSCYNGNRFASHTRFS	699
mNEDL1	ATLCMAPSDCSGGHFSLSKGIAGAGQGEAHPSTGSESQSPRQGGHSCGCDASCCSPSCYSSSCYSTSCYSSSCYSSCASPSCYNGNRFASHTRFS	676
hNEDL1	SVDSAKISESTVFSSQDEEEENSFAESVPDSQSPQLDPESTNGAGPQDELAAAPSGHVERSPGLESPVAGPSNRREGECPILHNSQVSLPSLRPE	799
mNEDL1	SVDSAKISESTVFSSQDEEEENSFAESVPDSQSPQLDPESTNGAGPQDELAAAPGNAARSTEGLESPIAGCPNSNRREGECPILHNSQVSLPSLRPE	776
hNEDL1	HHHYPTIDPLPPNWEARIDSHGRVYVDHVNRTTIDPRIPATPDGMRRSGSIQMEQLNRRYQNIQRTIATERSEEDSGSCQAP-AGGGGGGS	898
mNEDL1	HHHYPAIDPLPPNWEARIDSHGRVYVDHVNRTTIDPRIPATPDGMRRSGSIQMEQLNRRYQNIQRTIATERSEEDSGNQNSEQIPDGGGGGGGS	876
WW Domain 1		
hNEDL1	DSEAESSQSLDLRREGSLSPVNSQKILTLQSPAVKFI TNPEFTVLHANYSAVRFTSSTCLKHMLKVRDARNFERYQHNRDLVNFIMNFADTRLE	998
mNEDL1	DSEAESSQSLDLRREGSLSPVNSQKILTLQSPAVKFI TNPEFTVLHANYSAVRFTSSTCLKHMLKVRDARNFERYQHNRDLVNFIMNFADTRLE	976
hNEDL1	LPRGWEIKTDQGGKSFVDHNSRATTFIDPRIPLONGRLPNHLTHROHLQRLRSYSAGEASEVSRNRGASLLARPCHSLVAAIRSQHQHESPLAYNDKI	1098
mNEDL1	LPRGWEIKTDHGGKSFVGHNSRATTFIDPRIPLONGRLPNHLTHROHLQRLRSYSAGEASEVSRNRGASLLARPCHSLVAAIRSQHQHESPLAYNDKI	1076
WW Domain 2		
hNEDL1	VAFLRQPNIFEMLQERQPSLARNHTLREKHIRTEGNHGLEKLSQDADLVILLSLFEEIMSYVPLQAAFHGPGYSFSPRCSPCSPQNSPGLQASARA	1198
mNEDL1	VAFLRQPNIFEMLQERQPSLARNHTLREKHIRTEGNHGLEKLSQDADLVILLSLFEEIMSYVPLQSAFHGPGYSFSPRCSPCSPQNSPGLQASARA	1176
hNEDL1	PSPYRRDFEAKLRNFYRKLEAKFGGQPGKIKLIIRRDHLLGFTFNQVWAYSRKELQRNKLYITFVGEGLDYSGPSREFFLLSQELFNPPYGLFEYSA	1298
mNEDL1	PSPYRRDFEAKLRNFYRKLEAKFGGQPGKIKLIIRRDHLLGFTFNQVWAYSRKELQRNKLYITFVGEGLDYSGPSREFFLLSQELFNPPYGLFEYSA	1276
hNEDL1	NDYTTVQISPMFAFVENHLEWFRFSGRILGLALIHQYLLDAFFTRPFYKALLRPLCDLSOLEYLDDEEFHQSLQWAKDNNTDILDLTFTVNEEVFGQVTE	1398
mNEDL1	NDYTTVQISPMFAFVENHLEWFRFSGRILGLALIHQYLLDAFFTRPFYKALLRPLCDLSOLEYLDDEEFHQSLQWAKDNNTDILDLTFTVNEEVFGQVTE	1376
hNEDL1	RELKSGGANTQVTEKNKKEYIERMVKRVERGVVQTEALVRGFYEVVDSRLVSFVDALELVIAGTAEIDLNDWRNTEYRGYHGHVIRWFMAAV	1498
mNEDL1	RELKSGGANTQVTEKNKKEYIERMVKRVERGVVQTEALVRGFYEVVDSRLVSFVDALELVIAGTAEIDLNDWRNTEYRGYHGHVIRWFMAAV	1476
hNEDL1	ERFNEQRLRLQFVTGTSSVPYEGFAALRGSNGLRRFCIEKWKITSLPRAHTCFNRDLPPYPSYSMLYEKLLTAVEETSTFGLE	1585
mNEDL1	ERFNEQRLRLQFVTGTSSVPYEGFAALRGSNGLRRFCIEKWKITSLPRAHTCFNRDLPPYPSYSMLYEKLLTAVEETSTFGLE	1563
HECT Domain		

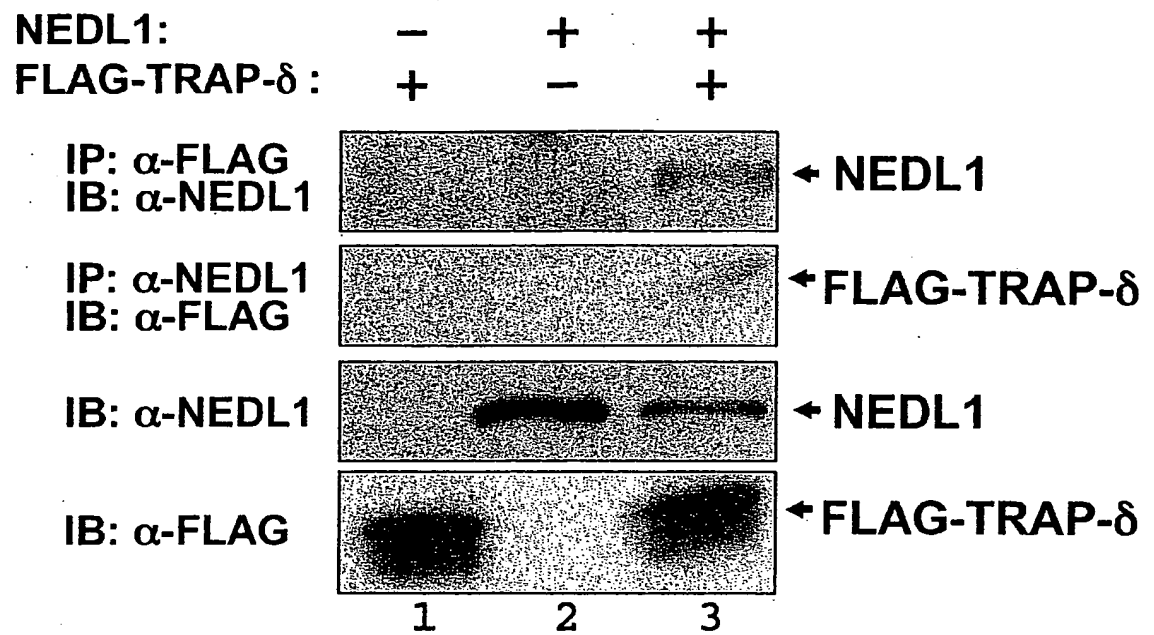
Fig.2

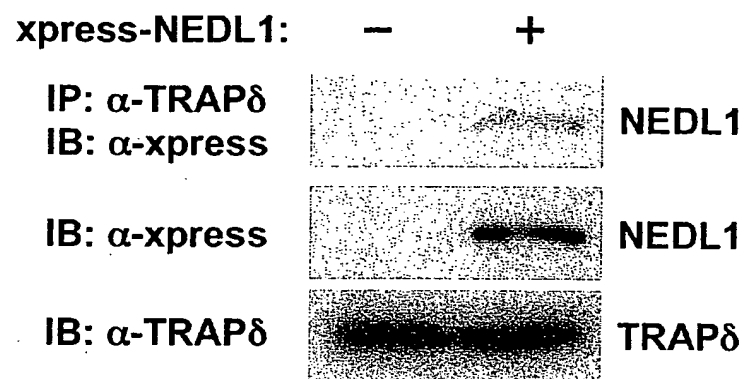
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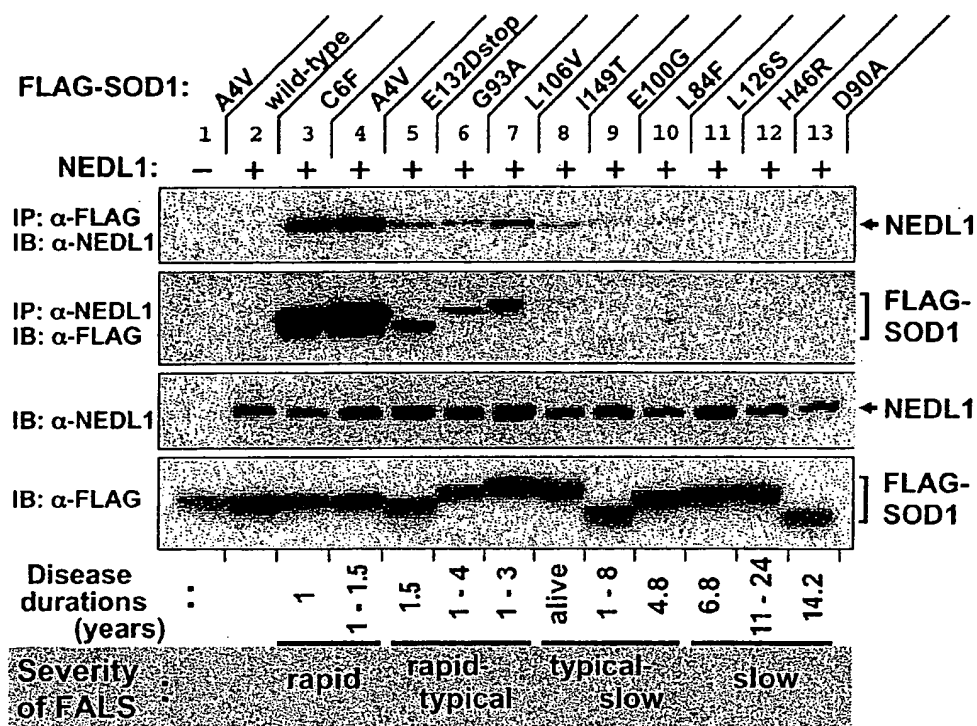
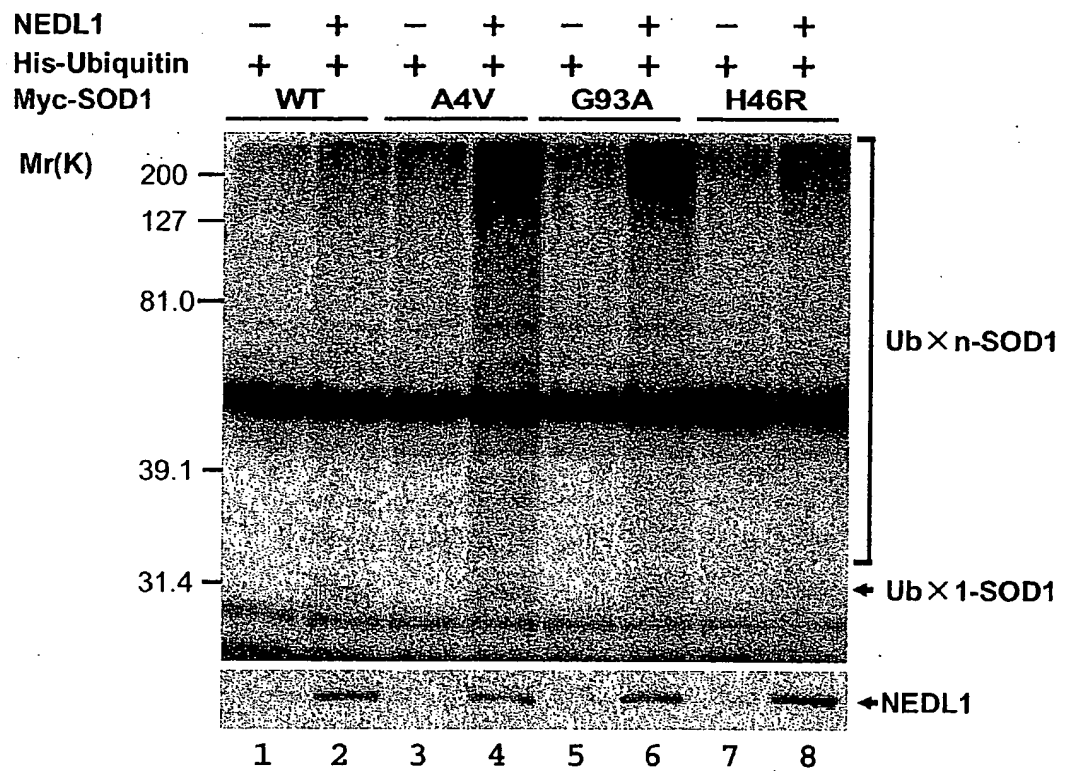
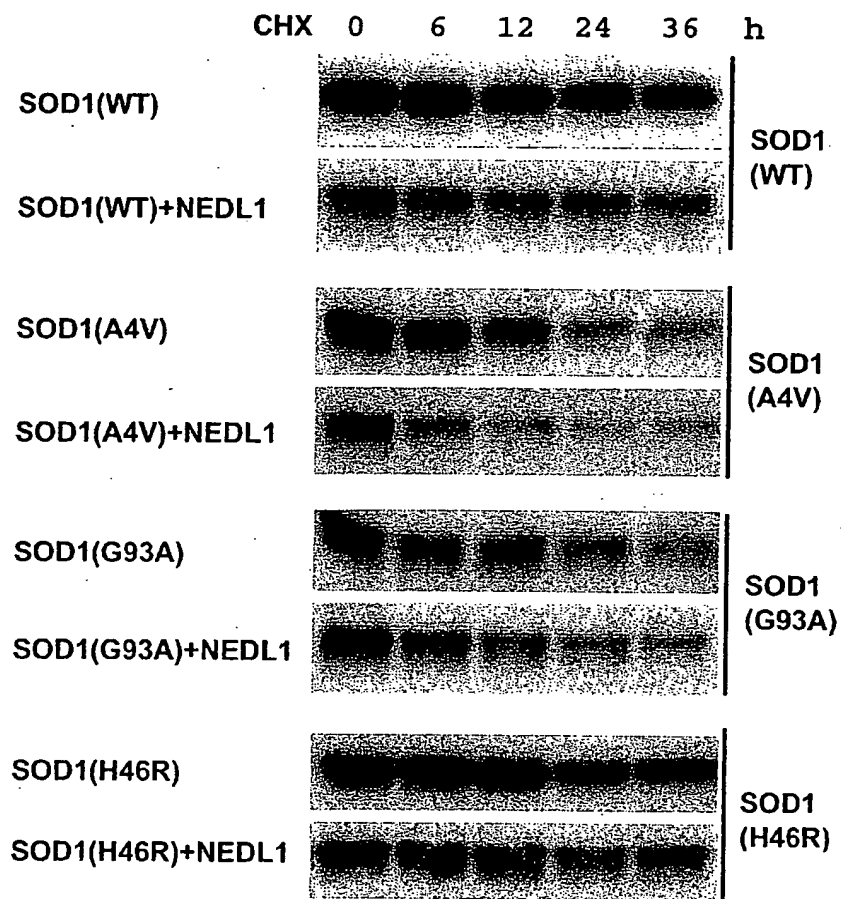
Fig.4

Fig.5

6/12

Fig.6

7/12

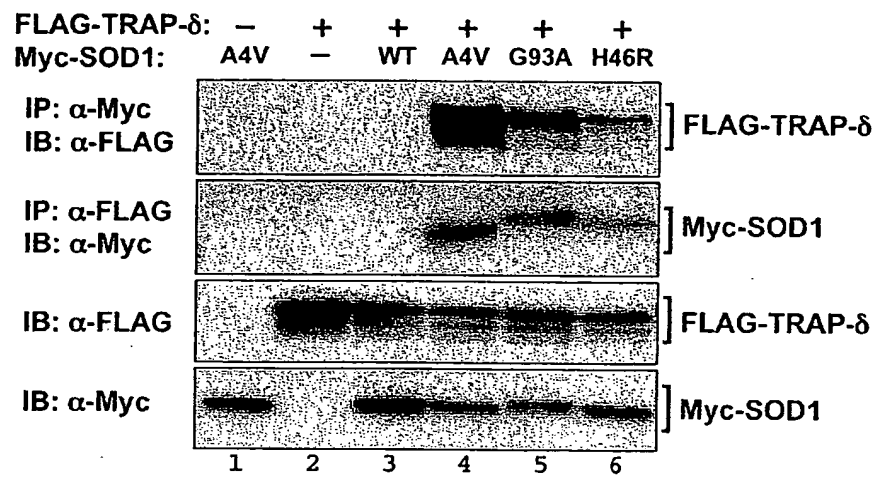
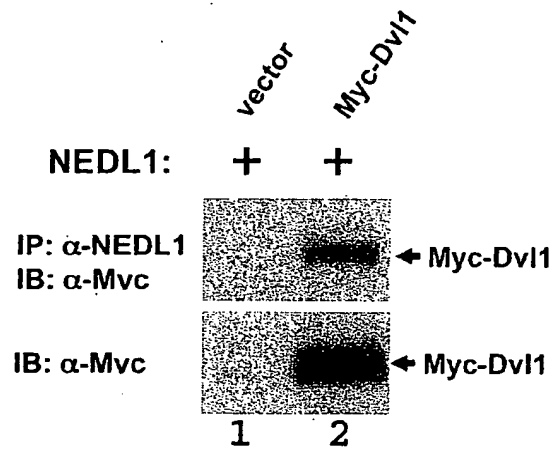
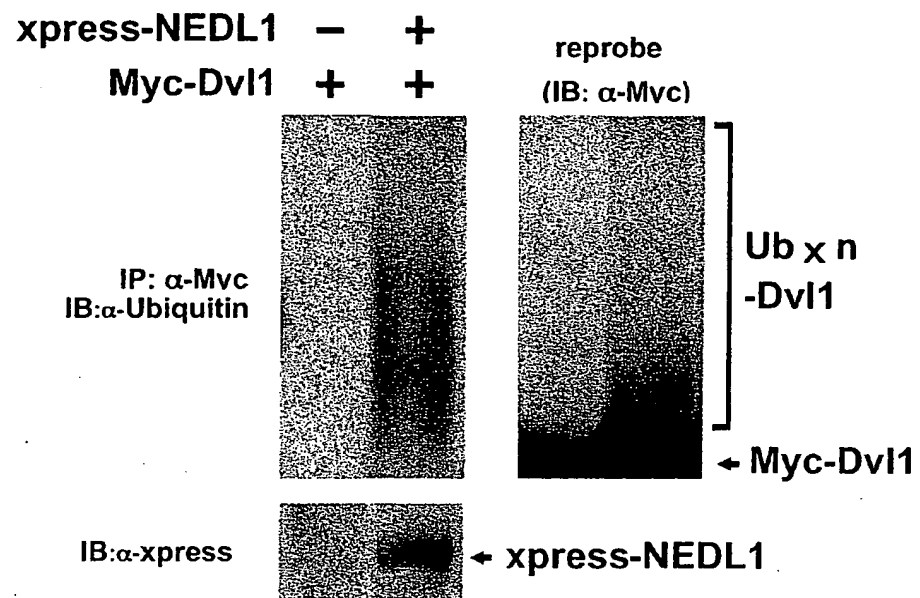
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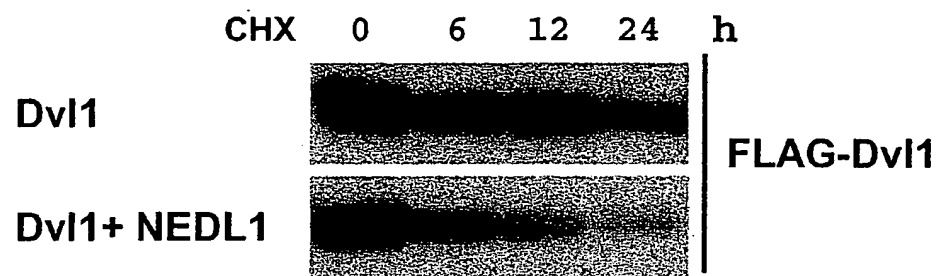
Fig.8

9/12

Fig.9

10/12

Fig.10



11/12

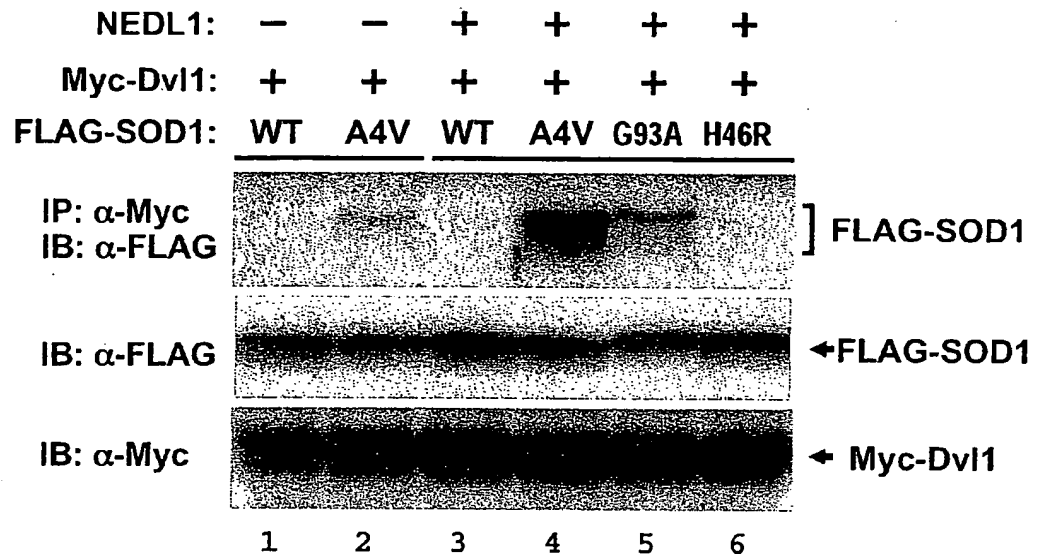
Fig.11

Fig.12